

Work Order ID 114914

Monday, March 17, 2014 2:31:51 PM

114914

Page 1

Item ID: D412-742-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible
 Start Date: 3/31/14 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 3/31/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: 14-03-18 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
IIN D412-742	E	* SP

100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D412-742-013 CHG007								

DAS
06
9-89

JUL 24 2014

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

DAS
26
9-89

1x DAS 14-7-16

120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DAS
16
9-89

14/08/05
(S/KO take only)

Work Order ID 114914

114914

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Item ID: D412-742-013 **Accept** ***N900040100*** **Setup Start *NS1***
Revision ID: **Stop *NS2***
Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible
Start Date: 3/31/14 **Start Qty:** 1.00 ***1*** **Cust Item ID:**
Required Date: 3/31/14 **Req'd Qty:** 1.00 ***1*** **Customer:**
Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____ **Run Start *NR1***
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop *NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00				1	8	14-08-05	
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-013								
	Location: <u>073</u>								
	<u>REUT</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

14-8-05

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Crosstube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC
 07-12-03 ECN 1072 DD verified by:JLM
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add
 AN4C7A DD 10.01.13 verified by:EC IPP Rev:G 11.11.01 as per
 DSI9517 REV.B DD verified by:EC IPP rev:H 12.01.12 PER IIN
 REV.E DD VERF: IPP Rev:I add AN4C47A DD 12.03.14
 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4C47A		Purchased	No			110	Each	71.0000	4	4			
AN4C47A													
Bolt													

DAS
06
9-89

Location

Loc Qty

Loc Code

FG
122491
ST517a
M126293

10
10
61
61

D412-742-043

Manufactured No

D412-742-043

Replacement Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

D2571

Manufactured No

D2571

Saddle, Fwd, Out

110 Each 0.0000

110 Each 7.0000

Location

Loc Qty

Loc Code

ST441
104701
109923

7
4
3

DAS
06
9-89

**

**

**

DAS
31
9-89

DAS
26
9-89

DAS
26
9-89

DAS
31
9-89

114905

14-777

B113894

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D2572

Manufactured No

110

Each

13.0000

**

DAS
28
9-89

D2572

Saddle, Fwd, In

B112963

Location

Loc Qty

Loc Code

ST441

13

106514

2

108485

2

109924

9

DAS
31
9-89

DAS
06
9-89

D2573

Manufactured No

110

Each

25.0000

**

DAS
28
9-89

D2573

Saddle, Aft, Out

1

Location

Loc Qty

Loc Code

ST442

13

105413

1

108126

1

108525

4

109763

7

ST453a

12

109925

12

DAS
06
9-89

D2574

Manufactured No

110

Each

21.0000

**

DAS
28
9-89

D2574

Saddle, Aft, In

B113895

Location

Loc Qty

Loc Code

ST442

21

108523

4

109607

5

109926

12

DAS
06
9-89

DAS
31
9-89

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Work Order ID: 114914

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D2876 Manufactured No

110

Each

55.0000

2

D2876

Saddle Spacer

**

DAS 26 9-89
31
B119436

DAS
06
9-89

Location

Loc Qty

Loc Code

ST020

55

106074

8

108425

17

110146

30

D2877 Manufactured No

110

Each

48.0000

2

D2877

Saddle Spacer

**

DAS 26 9-89
31
B119598

DAS
06
9-89

Location

Loc Qty

Loc Code

ST020

48

108487

18

110301

30

D3403-1 Manufactured No

110

Each

96.0000

8

D3403-1

Bushing

**

DAS 26 9-89
31
8
14-7-17

DAS
06
9-89

Location

Loc Qty

Loc Code

ST041

96

88782

96

D3403-5 Manufactured No

110

Each

62.0000

8

D3403-5

Bushing

**

DAS 26 9-89
31
8x
6x B117044
2x

DAS
06
9-89

Location

Loc Qty

Loc Code

ST042

62

88784

62

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Work Order ID: 114914

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D2747

Manufactured No

110

Each

183.0000

4 4

DAS
26
9-89

D2747

Set Screw

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST017

183

100949

4

106173

60

110232

100

86827

18

99355

1

DAS
06
9-89

4X

D3533-1

Manufactured No

110

Each

80.0000

2 2

DAS
26
9-89

D3533-1

Set Screw

**

DAS
31
9-89

Location

Loc Qty

Loc Code

ST054

80

102438

80

DAS
06
9-89

2X

AN4C6A

Purchased No

110

Each

909.0000

16 16

DAS
26
9-89

AN4C6A

Bolt

**

14-7-17

Location

Loc Qty

Loc Code

FG

14

103344

4

121657

10

DAS
06
9-89

ST355

595

m125709

95

m128324

500

ST517C

300

m128403

300

2X

4X

DAS
31
9-89

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D3672-3 Manufactured No

110 Each

1,659.000

32 32

D3672-3

Phenolic Washer

**

DAS
31
9-89

DAS
26
9-89

DAS
06
9-89

Location	Loc Qty	Loc Code
FG	111	
84432	11	
89273	100	
FP001	63	
107316	63	
ST060	1484	
110251	8	
112455	500	32x
113746	976	
ST061	1	
93925	1	

NAS1149C0432R

Purchased No

110 Each

4,572.000

32 32

NAS1149C0432R

WASHER

**

DAS
31
9-89

14-7-17

DAS
26
9-89

DAS
06
9-89

Location	Loc Qty	Loc Code
GA	1959	
m125807	1959	
ST292	92	
119124	6	
121255	7	
122441	79	
ST510a	2521	
m126221	2521	32x

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D3672-9 Manufactured No

110 Each

210.0000

8 8

**

DAS
26
9-89

D3672-9

Washer

DAS
31
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST060

210

81763

8

94989

202

NAS1149C0632R

Purchased No

110 Each

100.0000

8

**

DAS
26
9-89

NAS1149C0632R

WASHER

8X
8

m128812

DAS
31
9-89

Location

Loc Qty

Loc Code

ST292

100

121825

8

125654

92

D3672-11

Manufactured No

110 Each

178.0000

8 8

**

DAS
26
9-89

D3672-11

Washer

DAS
06
9-89

Location

Loc Qty

Loc Code

FG

10

77483

10

ST060

168

77483

8

91746

160

DAS
06
9-89

DAS
31
9-89

8X

14-7-17

Picklist Print

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased No

110

Each

1,570.000

29

29

MS21043-4

Nut

**

DAS
31
9-89

DAS
26
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

FG	40	
104603	40	
GA	33	
125807	33	
ST315	459	
m123021	12	
m128429	447	
ST509	1038	
m127255	38	
m128300	1000	

D3403-3

Manufactured No

110

Each

129.0000

8

8

D3403-3

Bushing

**

DAS
31
9-89

DAS
26
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST041	129	
88783	129	

D3405-041

Manufactured No

110

Each

6.0000

1

D3405-041

Gh Lug

**

DAS
31
9-89

DAS
26
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST468	6	
108437	5	
109490	1	

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D3405-043

Manufactured No

110

Each

31.0000

**

DAS
26
9-89

D3405-043

Gh Lug

①
B115740

Location

Loc Qty

Loc Code

ST461

16

107261

16

ST468

15

108792

1

110178

14

DAS
31
9-89

DAS
06
9-89

AN4C7A

Purchased No

110

Each

137.0000

**

DAS
26
9-89

AN4C7A

BOLT

4 4
DAS
31
9-89

Location

Loc Qty

Loc Code

ST355

4

109147

4

ST513

33

125388

33

ST518

100

m127363

100

4X

DAS
06
9-89

D3407-041

Manufactured No

110

Each

16.0000

**

DAS
26
9-89

D3407-041

Tow Ring

①
B110741
14-7-17
DAS
31
9-89

Location

Loc Qty

Loc Code

ST444

3

107840

3

ST463

13

107954

3

109405

8

110684

2

B121429

DAS
06
9-89

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Work Order ID: 114914

114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

D3417-3

Manufactured No

110

Each

51.0000

2 2

D3417-3

Washer

**

DAS

31

9-89

DAS

26

9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

FG

7

33519

7

ST042

44

106077

2

109129

40

93758

2

D3456-1

Manufactured No

110

Each

190.0000

1 1

D3456-1

Washer

**

DAS

31

9-89

DAS

26

9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

FG

7

25701

7

ST046

183

107629

1

111782

100

113126

82

AN3C37A

Purchased No

110

Each

256.0000

1 1

AN3C37A

BOLT

**

DAS

31

9-89

DAS

26

9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST353

31

M124131

1

M127823

30

ST514

225

M128491

225

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Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

AN3C40A	Purchased	No	110	Each	39.0000	1	1		
AN3C40A									
Bolt									

DAS
06
9-89

Location	Loc Qty	Loc Code
FG	5	
11442	5	
ST353	34	
114442	1	
M125958	1	
M126176	12	
M128491	20	

**

DAS
31
9-89

DAS
26
9-89

AN3C41A	Purchased	No	110	Each	157.0000	1	1		
AN3C41A									
Bolt									

DAS
06
9-89

Location	Loc Qty	Loc Code
FG	10	
103324	4	
122843	6	
ST353	122	
m127544	1	
m128319	121	
ST514	25	
m128491	25	

**

DAS
31
9-89

DAS
26
9-89

AN3C42A	Purchased	No	110	Each	29.0000	1	1		
AN3C42A									
Bolt									

DAS
06
9-89

Location	Loc Qty	Loc Code
FG	5	
121103	5	
ST353	24	
m127300	1	
m128491	23	

**

DAS
31
9-89

DAS
26
9-89

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114914

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

AN3C43A

Purchased

No

110

Each

122.0000

AN3C43A

Bolt

**

4 (4)

m128917

DAS
26
9-89

Location

Loc Qty

Loc Code

FG	10	
120465	10	
ST354	62	
120465	4	
M126007	4	
M126621	7	
M127201	22	
M127721	25	
ST513	50	
M128244	50	

DAS
31
9-89

DAS
06
9-89

AN3C46A

Purchased

No

110

Each

210.0000

AN3C46A

Bolt

**

5 (5)

14-7-17

m128796

DAS
26
9-89

Location

Loc Qty

Loc Code

FG	10	
122843	10	
ST353	13	
M127823	13	
ST354	102	
M127281	2	
M128319	100	
ST514	85	
M128491	85	

DAS
31
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DAS
06
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Parent Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible

Start Date: 3/31/14

Required Date: 3/31/14

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0332R

Purchased

No

110

Each

6,463.000

26

(26)

DAS

26

9-89

NAS1149C0332R

WASHER

**

m129499

DAS
06
9-89

Location

Loc Qty

Loc Code

GA	1089
125654	1089
st510	5374
m126319	61
m127306	2500
m127410	2787
m127831	26

DAS
31
9-89

MS21043-3

Purchased

No

110

Each

1,124.000

13

(13)

DAS

26

9-89

MS21043-3

Nut

**

14-7-17

m129521

DAS
06
9-89

Location

Loc Qty

Loc Code

FG	80
103691	80
ST315	116
124555	35
m126741	81
ST509	928
m128398	928

DAS
31
9-89

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Shop Packet Print

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Work Order ID 114914

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114914

Page 1

Item ID: D412-742-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Skidtube (Fits LH or RH) High Gear Apical Tri-Bag Float Compatible
 Start Date: 3/31/14 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 3/31/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: 14-03-18 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-742	E	* SP							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP.D412-742-013 CHG007								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MLS 14-03-18

1X 14-7-16

DAB
26
9-89